

x16270M.ST25.txt
SEQUENCE LISTING

<110> ELI LILLY AND COMPANY

<120> INSULIN ANALOGS HAVING PROTRACTED TIME ACTION

<130> X-16270M

<150> US 60/466,501
<151> 2003-04-29

<150> US 60/466,500
<151> 2003-04-29

<150> US 60/470,118
<151> 2003-05-13

<160> 5

<170> PatentIn version 3.2

<210> 1
<211> 22
<212> PRT
<213> HOMO SAPIENS

<220>
<221> MISC_FEATURE
<222> (1)..(22)
<223> Amino acid sequence of the A-chain of
A0ArgA21GlyB31ArgB32Arg-human insulin and A0ArgA21GlyB29ArgB31Arg
B32Lys-human insulin.

<400> 1

Arg Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln
1 5 10 15

Leu Glu Asn Tyr Cys Gly
20

<210> 2
<211> 32
<212> PRT
<213> homo sapiens

<220>
<221> MISC_FEATURE
<222> (1)..(32)
<223> Amino acid sequence of the B-chain of
A0ArgA21GlyB31ArgB32Arg-human insulin.

<400> 2

Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
1 5 10 15

Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg
20 25 30

<210> 3

x16270M.ST25.txt

<211> 21
 <212> PRT
 <213> homo sapiens

<220>
 <221> MISC_FEATURE
 <222> (1)..(21)
 <223> Amino acid sequence of the A-chain of wild-type human insulin.

<400> 3

Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu
 1 5 10 15

Glu Asn Tyr Cys Asn
 20

<210> 4
 <211> 30
 <212> PRT
 <213> homo sapiens

<220>
 <221> MISC_FEATURE
 <222> (1)..(30)
 <223> Amino acid sequence of the B-chain of wild-type human insulin.

<400> 4

Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
 1 5 10 15

Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr
 20 25 30

<210> 5
 <211> 32
 <212> PRT
 <213> homo sapiens

<220>
 <221> MISC_FEATURE
 <222> (1)..(32)
 <223> Amino acid sequence of the B-chain of A0ArgA21GlyB29ArgB31Arg
 B32Lys -human insulin.

<400> 5

Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
 1 5 10 15

Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Arg Thr Arg Lys
 20 25 30